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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: October 22, 2009

(use as many sheets as necessary)

1 of 2

Complete if Known

Application Number	10/582,321
Filing Date	05/22/2007
First Named Inventor	Robert D. Hill
Art Unit	1638
Examiner Name	Phoung T. Bui
Attorney Docket Number	049280-0102

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	6,936,749 B1	08/30/2005	Guy et al.	
	A2	5,959,187	09/28/1999	Bailey et al.	
	A3	6,372,961 B1	04/16/2002	Tarczynski et al.	

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Application Document Serial Number-Kind Code ² (if known)	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

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NON PATENT LITERATURE DOCUMENTS

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	A4	Dolferus R. et al., "Strategies of Gene Action in <i>Arabidopsis</i> during Hypoxia," <i>Annals of Botany</i> , vol. 79, (Supplement A); pp. 21-31, 1997.	
	A5	Goodenough U., Chapter 19, "Population Genetics 1," <i>Genetics</i> , 2nd ed., Holt, Rinehart and Winston; pp. 771-772, 1978.	
	A6	Dordas C. et al., "Plant Haemoglobins, Nitric Oxide and Hypoxic Stress," <i>Annals of Botany</i> , vol. 91; pp. 173-178, 2003.	

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	A7	Andersson et al., "A new hemoglobin gene from soybean: A role for hemoglobin in all plants," <i>Proc. Natl. Acad. Sci. USA.</i> , vol. 93, pp. 5682-5687, 1996.		
	A8	Jacobsen-Lyon et al., "Symbiotic and nonsymbiotic haemoglobin genes of <i>Casuarina glauca</i> ," <i>The Plant Cell</i> , vol. 7:213-223, 1995.		
	A9	Sowa et al., "Altering hemoglobin levels changes energy status in maize cells under hypoxia," <i>Proc. Natl. Acad. Sci. USA</i> , vol. 95, pp. 10317-10321, 1998.		
	A10	Arredondo-Peter et al., "Gene Cloning, Analysis, and O ₂ -Binding Kinetics of a Recombinant Protein Synthesized in <i>Escherichia coli</i> ," <i>Plant Physiology</i> , vol. 115, pp. 1259-1266, 1997.		
	A11	Taylor et al., "A cereal haemoglobin gene is expressed in seed and root tissues under anaerobic conditions", <i>Plant Molecular Biology</i> , Vol. 24: 853-862, 1994.		
	A12	Duff et al., "Expression, Purification, and Properties of Recombinant Barley (<i>Hordeum</i> sp.) Hemoglobin," <i>Journal of Biological Chemistry</i> , Vol. 272, No. 27, 16746-16752, 1997.		
	A13	Trevaskis et al., "Two hemoglobin genes in <i>Arabidopsis thaliana</i> : The evolutionary origins of leghemoglobins," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 94, pp. 12230-12234, 1997.		

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